

DNAxPAb

Hard-to-Find
Antibody

NMNAT3 DNAxPAb

Catalog # H00349565-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NMNAT3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MYQVIQGIISPVNDTYGKKDLAASHHRVAMARLALQTSDWIRVDPWESEQAQWMETVKVLRHHH SKLLRSPQMEGPDHGKALFSTPAAVPELKLLCGADVLTFTQTPNLWKDAHIQEMEKFGLVCVG RVGHDPKGYAESPILRMHQHNIHLAKEPVQNEISATYRRALGQGQSVKYLIPDAVITYKDHGLYTK GSTWKGKSTQSTEGKTS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — NMNAT3

Entrez GeneID [349565](#)**GeneBank Accession#** [NM_178177.2](#)**Protein Accession#** [NP_835471.1](#)**Gene Name** NMNAT3**Gene Alias** PNAT-3, PNAT3**Gene Description** nicotinamide nucleotide adenylyltransferase 3**Omim ID** [608702](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The coenzyme NAD and its derivatives are involved in hundreds of metabolic redox reactions and are utilized in protein ADP-ribosylation, histone deacetylation, and in some Ca(2+) signaling pathways. NMNAT (EC 2.7.7.1) is a central enzyme in NAD biosynthesis, catalyzing the condensation of nicotinamide mononucleotide (NMN) or nicotinic acid mononucleotide (NaMN) with the AMP moiety of ATP to form NAD or NaAD (Zhang et al., 2003 [PubMed 12574164]).[supplied by OMIM]

Other Designations pyridine nucleotide adenylyltransferase 3

Pathway

- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)